

ABSTRACT OF THE DISCLOSURE

A communication and/or amplifier system according to various aspects of the present invention includes an excursion signal generator and a filter system. The excursion signal generator identifies a portion of a signal that exceeds a threshold, such as a magnitude threshold. The filter system filters a corresponding excursion signal having a magnitude and waveform corresponding to the portion exceeding the threshold to remove unwanted frequency components from the excursion signal. The filtered excursion signal may then be subtracted from the original signal to reduce the peak.